

Thermohygrographs



Technical data

Measuring element Temperature Measuring elements Humidity

- Bimetal -35...+45°C; ± 0.5 K - hair 0...100%; $\pm 3\%$ at 20...100% r.h.
- Bimetal -15...+65°C; ± 0.5 K - synthetic fiber 0...100%; $\pm 3\%$ at 20...100% r.h.
- Bimetal - 5...+55°C; ± 0.5 K

Movements

- Mechanical drum recorder movement according to DIN 58658

Cycle times switchable Daily cycle 25.6 h

Weekly circulation 176 h

Operating autonomy 1 week

- Electronic quartz movement

Cycle times switchable Daily cycle 25.6 h

Weekly circulation 176 h

Monthly circulation 783 h

Operating autonomy 12 months with battery type Mingon (AA) 1.5 V (R6)

Recording drum

- Drum material: Plastic
- Diagram holder material: Nickel-plated brass
- Diameter 93.3 mm
- Height 93 mm (thermographs, hygrographs)
- Height 186 mm (thermohygrographs)
- Recording height 80 mm per measuring range
- Diagram graduation 1°C and 5% rel. humidity

Materials

- Transmission system Brass matt chrome-plated, axes in chrome steel, jewel bearings
- Measuring mechanism stand Cast aluminum, painted white
- Base plate Cast aluminum, painted white
- Upper part of housing Chrome steel X5CrNi1810, corrosion-resistant, painted white
- Transparent, scratch-resistant plastic viewing panels

Housing dimensions

- Thermographs and hygrographs Length 290 x width 145 x height 190 mm
- Thermohygrographs Length 290 x width 145 x height 260 mm

Accessories

- 60 sheets of chart paper weekly circulation
- 2 fiber tips (thermographs, hygrographs)
- 4 fiber tips (thermohygrographs)
- Battery Mingon (AA) 1.5 V (R6) (for electronic quartz movement)

- Optional: ES*55 transport case (thermographs, hygrographs)
DS455 transport case (thermohygrographs)

- optional: lockable case by installing a safety lock



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